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Corporate Overview

Bankable US Manufacturing



Parent Company



Wanxiang America Corporation Logo

- Founded in 1994
- 2012 Sales - \$3.0B USD
- 12500 employees with more than 6000 in the US
- Headquartered near Chicago, IL
- Main business lines: Automotive, Clean Energy, Investment/Finance

Translation: Wanxiang = Universal



North American Manufacturing Assets

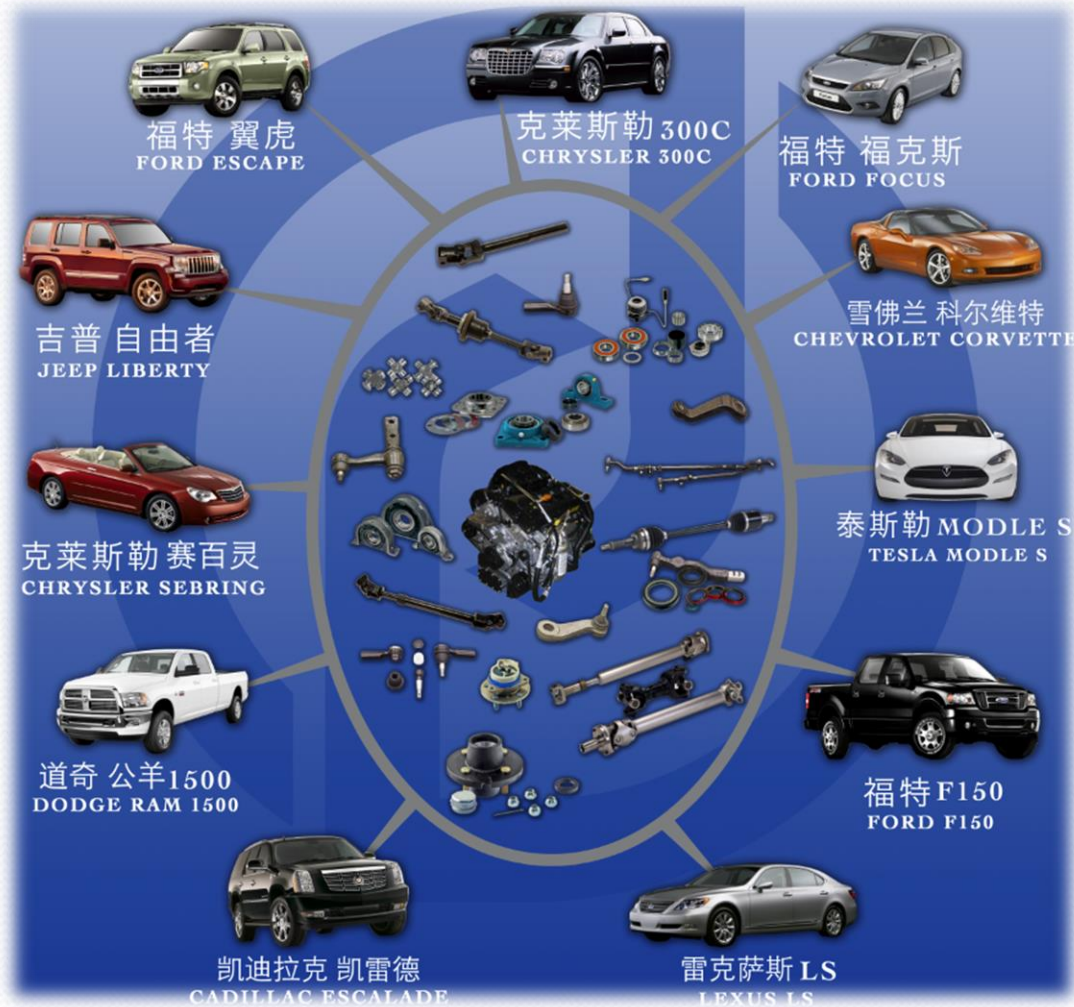


28 manufacturing facilities located in 14 US states and
7 facilities in Mexico



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One in every three vehicles made in USA in 2010 contains
components made in Wanxiang's USA plants





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3500 Jobs Saved in 2008-2010



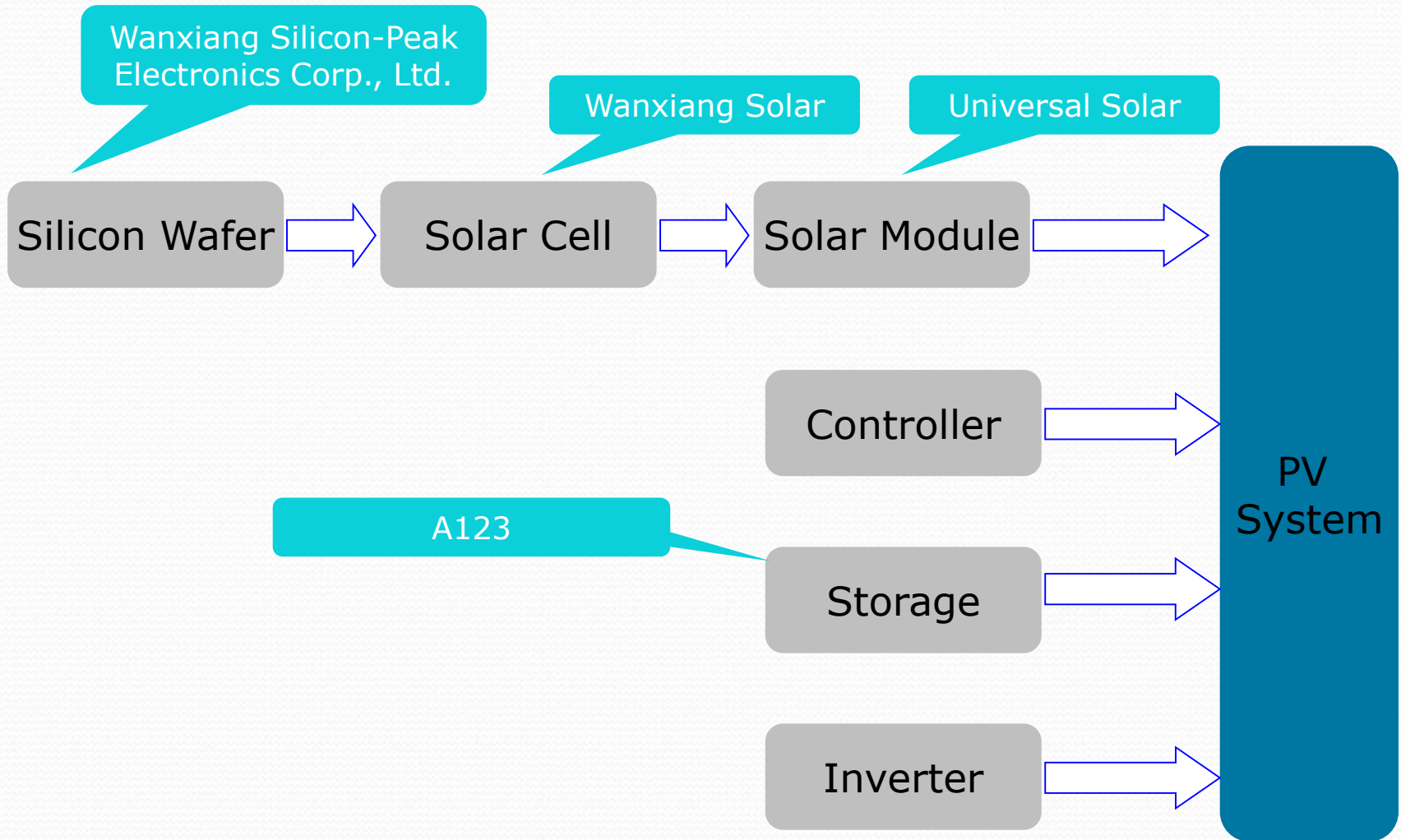


Clean Energy Business

- Renewable Energy manufacturing since 2000
- Manufacturer of medium/large size silicon ingot and wafer
- Manufacturer of Hybrid and EV vehicles
- Build and operate solar/wind farms
- Solar PV manufacturing (started 2005)
- Lithium-ion storage manufacturing



Contribution To PV





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Universal Solar

Made in USA



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*ARRA and BAA-Compliant
PV module manufacturing plant
in the USA*



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The “A” Team





Manufacturing Process



**Automatic Cell Tabbing
and Stringing**



Automatic Lamination



Sun Simulation



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Quality Assurance



**Daily re-calibration
interval**



**Every module visually
inspected 6x**

Quality Control



Flash Reports



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Standard Specifications & Certifications

Mono or Multi-Crystalline Cells

60 and 72 cell format

Various Color Combinations Available

UL Certified 1703

TUV - IEC 61215

TUV - IEC 61730

TUV - Safety Class II

CE Certified

ISO 9000/14000/18000 Certified

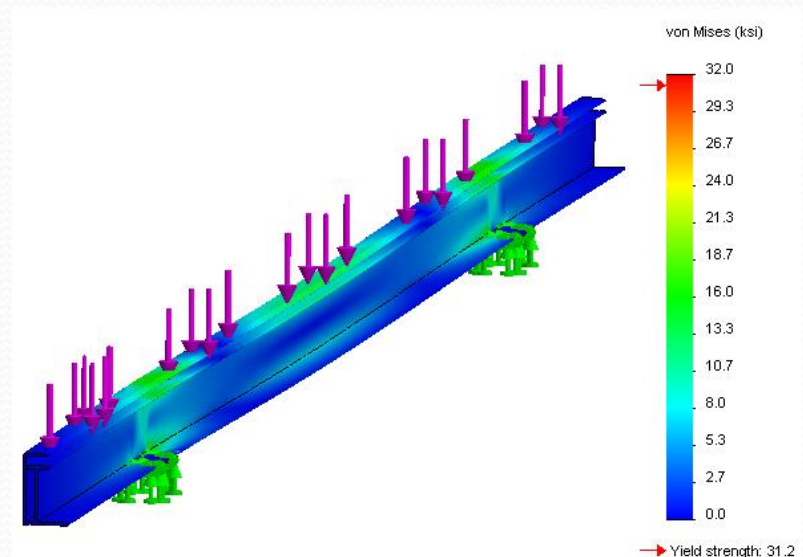
CA - CEC Compliant





Quality & Performance

- Highest quality component specifications – no substitutes
- Neo Solar Grade-A PV cells
- 3M EVA
- 3M TPT
- Multi-Contact MC4 connectors
- Low-iron, high-transmittance glass
- Specialized Frames designed for
2X Wind/Snow loads





Warranty Service

- Warranty backed by a 20 year-old profitable USA manufacturing company
- Warranty serviced performed directly by the factory in the USA
- 25-yr Performance at 80%
- 10-yr Performance at 90%
- 5-yr workmanship and materials



Customer Service Offerings

- Black/Black residential modules
- OEM Service
- Private Label Program
- Value-Added Modules
- Balance of Systems purchase aggregation
- Extended Purchase Terms
- “Just In Time” warehousing
- Project Finance (OAC)



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Reference PV Projects

Universal Solar



- Installation location: Seal Beach, CA
- Building type: Military Facility
- System size: 77kW DC
- Panel: Universal WXS₂₃₀P-US, 230W





- Installation location: Medina, MN
- Building type: Government Building
- System size: 100kW DC
- Panel: Universal WXS185S, 185W





- Installation location: Verona, WI
- System size: 2MW DC
- Panel: Universal WXS280P-US, 280W





- Installation location: Rockford, IL
- System size: 3MW DC Solar Farm
- Panel: Universal WXS290P-US, 290W





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Thank You!